

## INTERNATIONAL SEARCH REPORT

International application No.  
PCT/KR2004/002630

**A. CLASSIFICATION OF SUBJECT MATTER****IPC7 H03M 13/11**

According to International Patent Classification (IPC) or to both national classification and IPC

**B. FIELDS SEARCHED**

Minimum documentation searched (classification system followed by classification symbols)

IPC7 H03M 13/11 G06N 3/02 H04L 1/00 G06F 11/00

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched  
KOREAN PATENTS AND APPLICATIONS FOR INVENTIONS SINCE 1975Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)  
WPI, PAJ "LOW""DENSITY""PARITY""CHECK""CODE""LDPC"**C. DOCUMENTS CONSIDERED TO BE RELEVANT**

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	KR 2003-0036227 (AWARE INC.) 09 MAY 2003 see the whole document	1-9
A	US 2002/0042899 A1 (MACROS et al.) 11 APRIL 2002 see the whole document	1-9
E	US 6,633,856 B2 (FLARION TEC INC.) 14 OCTOBER 2003 see the whole document	1
P, A	US 2004/0153934 A1 (HUI JIN et al.) 05 AUGUST 2004 see the whole document	1

☐ Further documents are listed in the continuation of Box C.

☐ See patent family annex.

\* Special categories of cited documents:

"A" document defining the general state of the art which is not considered to be of particular relevance

"E" earlier application or patent but published on or after the international filing date

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"O" document referring to an oral disclosure, use, exhibition or other means

"P" document published prior to the international filing date but later than the priority date claimed

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"X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

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"&amp;" document member of the same patent family

Date of the actual completion of the international search

30 NOVEMBER 2004 (30.11.2004)

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